

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/623, S05 A
Source: JFW16
Date Processed by STIC: 02/03/2006

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 02/03/2006

PATENT APPLICATION: US/10/623,505A

TIME: 11:50:31

Input Set : A:\1158DIV2 SUBST_SEQLIST_JAN06.TXT

Output Set: N:\CRF4\02032006\J623505A.raw

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4 <110> APPLICANT: YE, Jane et al.
6 <120> TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
7     ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
8     THEREOF
10 <130> FILE REFERENCE: CL001158DIV2
12 <140> CURRENT APPLICATION NUMBER: 10/623,505A
13 <141> CURRENT FILING DATE: 2003-07-22
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16 <151> PRIOR FILING DATE: 2002-03-14
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19 <151> PRIOR FILING DATE: 2001-03-08
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78 35 40 45
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80 50 55 60
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83 Ser Glu Glu Gly Phe His Tyr Leu Val Phe Asp Leu Val Thr Gly Gly
84 85 90 95
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86 100 105 110
87 Ala Ser His Cys Ile His Gln Ile Leu Glu Ser Val Asn His Ile His
88 115 120 125
89 Gln His Asp Ile Val His Arg Asp Leu Lys Pro Glu Asn Leu Leu Leu
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93 Ala Ile Glu Val Gln Gly Glu Gln Gln Ala Trp Phe Gly Phe Ala Gly
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97 Lys Pro Val Asp Ile Trp Ala Cys Gly Val Ile Leu Tyr Ile Leu Leu
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100 210 215 220
101 Gln Ile Lys Ala Gly Ala Tyr Asp Phe Pro Ser Pro Glu Trp Asp Thr
102 225 230 235 240
103 Val Thr Pro Glu Ala Lys Asn Leu Ile Asn Gln Met Leu Thr Ile Asn
104 245 250 255
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Input Set : A:\1158DIV2 SUBST_SEQLIST_JAN06.TXT

Output Set: N:\CRF4\02032006\J623505A.raw

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111 Leu Thr Thr Met Leu Val Ser Arg Asn Phe Ser Val Gly Arg Gln Ser
112 305      310      315      320
113 Ser Ala Pro Ala Ser Pro Ala Ala Ser Ala Ala Gly Leu Ala Gly Gln
114      325      330      335
115 Ala Ala Lys Ser Leu Leu Asn Lys Lys Ser Asp Gly Gly Val Lys Lys
116      340      345      350
117 Arg Lys Ser Ser Ser Ser Val His Leu Met Glu Pro Gln Thr Thr Val
118      355      360      365
119 Val His Asn Ala Thr Asp Gly Ile Lys Gly Ser Thr Glu Ser Cys Asn
120      370      375      380
121 Thr Thr Thr Glu Asp Glu Asp Leu Lys Ala Ala Pro Leu Arg Thr Gly
122 385      390      395      400
123 Asn Gly Ser Ser Val Pro Glu Gly Arg Ser Ser Arg Asp Arg Thr Ala
124      405      410      415
125 Pro Ser Ala Gly Met Gln Pro Gln Pro Ser Leu Cys Ser Ser Ala Met
126      420      425      430
127 Arg Lys Gln Glu Ile Ile Lys Ile Thr Glu Gln Leu Ile Glu Ala Ile
128      435      440      445
129 Asn Asn Gly Asp Phe Glu Ala Tyr Thr Lys Ile Cys Asp Pro Gly Leu
130      450      455      460
131 Thr Ser Phe Glu Pro Glu Ala Leu Gly Asn Leu Val Glu Gly Met Asp
132 465      470      475      480
133 Phe His Lys Phe Tyr Phe Glu Asn Leu Leu Ser Lys Asn Ser Lys Pro
134      485      490      495
135 Ile His Thr Thr Ile Leu Asn Pro His Val His Val Ile Gly Glu Asp
136      500      505      510
137 Ala Ala Cys Ile Ala Tyr Ile Arg Leu Thr Gln Tyr Ile Asp Gly Gln
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139 Gly Arg Pro Arg Thr Ser Gln Ser Glu Glu Thr Arg Val Trp His Arg
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DATE: 02/03/2006

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TIME: 11:50:31

Input Set : A:\1158DIV2 SUBST_SEQLIST_JAN06.TXT

Output Set: N:\CRF4\02032006\J623505A.raw

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/623,505ADATE: 02/03/2006
TIME: 11:50:32Input Set : A:\1158DIV2 SUBST_SEQLIST_JAN06.TXT
Output Set : N:\CRF4\02032006\J623505A.raw**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:3; N Pos. 703,704,705,706,707,708,709,710,711,712,713,714,715,716,717
Seq#:3; N Pos. 718,719,720,721,722,723,724,725,726,727,728,729,730,731,732
Seq#:3; N Pos. 733,734,735,736,737,738,739,740,741,742,743,744,745,746,747
Seq#:3; N Pos. 748,749,750,751,752,753,754,755,756,757,758,759,760,761,762
Seq#:3; N Pos. 763,764,765,766,767,768,769,770,771,772,773,774,775,776,777
Seq#:3; N Pos. 778,779,780,781,782,783,784,785,786,787,788,789,790,791,792
Seq#:3; N Pos. 793,794,795,796,797,798,799,800,801,802,803,804,805,806,807
Seq#:3; N Pos. 808,809,810,811,812,813,814,815,816,817,818,819,820,821,822
Seq#:3; N Pos. 823,824,825,826,827,828,829,830,831,832,833,834,835,836,837
Seq#:3; N Pos. 838,839,840,841,842,843,844,845,846,847,848,849,850,851,852
Seq#:3; N Pos. 853,854,855,856,857,858,859,860,861,862,863,864,865,866,867
Seq#:3; N Pos. 868,869,870,871,872,873,874,875,876,877,878,879,880,881,882
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Seq#:3; N Pos. 898,899,900,901,902,903,904,905,906,907,908,909,910,911,912
Seq#:3; N Pos. 913,914,915,916,917,918,919,920,921,922,923,924,925

VERIFICATION SUMMARY

DATE: 02/03/2006

PATENT APPLICATION: US/10/623,505A

TIME: 11:50:32

Input Set : A:\1158DIV2 SUBST_SEQLIST_JAN06.TXT

Output Set: N:\CRF4\02032006\J623505A.raw

L:163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:300

M:341 Repeated in SeqNo=3